

SEQUENCE LISTING

<110> Merck Patent GmbH

<120> Inhibitors of Integrins $\alpha v\beta 6$

<130> P9858857-bzrs

<140> PCT/EP99/09842

<141> 1999-12-11

<160> 21

<170> PatentIn Ver. 2.1

<210> 1

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: $\alpha v\beta 6$
inhibitory peptide 1

<400> 1

Arg Thr Asp Leu Asp Ser Leu Arg Thr Tyr Thr Leu
1 5 10

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: $\alpha v\beta 6$
inhibitory peptide 2

<400> 2

Asp Ser Leu Arg Thr Tyr Thr Leu
1 5

<210> 3

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: $\alpha v\beta 6$
inhibitory peptide

<400> 3

Arg Thr Asp Leu Asp Ser Leu
1 5

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 4

<400> 4
Asp Leu Asp Ser Leu Arg Thr Tyr
1 5

<210> 5
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 5

<400> 5
Arg Thr Asp Leu Asp Ser Leu Arg
1 5

<210> 6
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 6

<400> 6
Arg Thr Asp Leu Asp Ser Leu Arg Thr Tyr
1 5 10

<210> 7
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (1)
<223> Xaa = Acetyl-Arg

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 7

<400> 7

Xaa Thr Asp Leu Asp Ser Leu Arg Thr
1 5

<210> 8

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 8

<400> 8

Arg Thr Asp Leu Asp Ser Leu Arg Thr
1 5

<210> 9

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 9

<400> 9

Arg Thr Asp Leu Pro Ser Leu Arg Thr Tyr
1 5 10

<210> 10

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (8)

<223> Xaa = Thr-NH₂

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 10

<400> 10

Arg Thr Asp Leu Asp Leu Arg Xaa
1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE
<222> (1)
<223> Xaa = Acetyl-Arg

<220>
<221> SITE
<222> (8)
<223> Xaa = Thr-NH2

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 11

<400> 11
Xaa Thr Asp Leu Asp Leu Arg Xaa
1 5

<210> 12
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 12

<400> 12
Arg Thr Asp Leu Tyr Tyr Leu Met Asp Leu
1 5 10

<210> 13
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (9)
<223> Xaa = Thr-NH2

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 13

<400> 13
Arg Thr Asp Leu Asp Ser Leu Arg Xaa
1 5

<210> 14
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 14

<400> 14

Arg Thr Asp Leu Asp Pro Leu Arg Thr Tyr
1 5 10

<210> 15

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 15

<400> 15

Arg Thr Asp Leu Tyr Tyr Leu Arg Thr Tyr
1 5 10

<210> 16

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Xaa = Acetyl-Arg

<220>

<221> SITE

<222> (9)

<223> Xaa = Thr-NH₂

<220>

<223> Description of artificial sequence: av β 6
inhibitory peptide 16

<400> 16

Xaa Thr Asp Leu Asp Ser Leu Arg Xaa
1 5

<210> 17

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Xaa = Acetyl-Arg

<220>

<221> SITE
<222> (8)
<223> Xaa = Arg-NH2

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 17

<400> 17
Xaa Thr Asp Leu Asp Ser Leu Xaa
1 5

<210> 18
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 18

<400> 18
Thr Asp Leu Asp Ser Leu Arg Thr
1 5

<210> 19
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 19

<400> 19
Pro Val Asp Leu Tyr Tyr Leu Met Asp Leu
1 5 10

<210> 20
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: av β 6
inhibitory peptide 20

<400> 20
Arg Arg Asp Leu Asp Ser Leu
1 5

<210> 21

<211> 10
<212> PRT

<220>
<221> SITE
<222> (1)
<223> Xaa = each natural aa, and Nle, homo-Phe,
Phg oder H, N-terminal: H oder Acetyl

<220>
<221> SITE
<222> (3)
<223> Xaa = each natural aa, and hom- Phe, Phg,
Nle

<220>
<221> SITE
<222> (6)..(7)
<223> Xaa= each natural aa, and Nle, homo-Phe, Phg

<220>
<221> SITE
<222> (9)..(10)
<223> Xaa = each natural aa, and Nle, Phg,
homo-Phe; at position 9 also H; C-terminal: OH,
NH2, OR, NH-Alkyl, N-Alkyl

<400> 21
Xaa Arg Xaa Asp Leu Xaa Xaa Leu Xaa Xaa
1 5 10